	·	FEB 1 1	<u>į</u>			heet 1 of 1
	FORM PTO-1449	BCE TATE THATE	ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5	
•	U.S. DEPARTMENT OF COMME	.1100		L CANT	0011 12,0	
PATENT AND TRADEMARK OFFICE			PLICANT Iturk et al.			
	INFORMATION DISCLOSUR		FILING DATE	T	GROU	
	STATEMENT BY APPLICAN	.	December 21, 2000		2637	
	(Use several sheets if necessa	· ·				<u></u>
		U.S. PATENT	DOCUMENTS	Τ	I	
XAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIAT
au	3,700,820	10/1972	Blasbalg et al.		,	
1	3,761,610	09/1973	Krallinger et al.			
	4,069,392	01/19/วัง	Goldenberg et al.			
	4,156,277	05/1979	Seitz et al.			
	4,292,623	09/1981	Eswaran et al.			
	4,320,513	03/1992	Lampert			
	4,384,307	05/1983	Kuzmik et al.			, , , , ,
-11	4,385,206	05/1983	Bradshaw et al.			
\top	4,403,322	09/1983	Kato et al.			
\Box	4,425,665	01/1984	Stauffer			
1	4,458,314	07/1984	Grimes			
+	4,480,307	10/1984	Budde et al.	 		
11	4,570,220	02/1986	Tetrick et al.			
11	4,583,124	04/1986	Tsuji et al.		<u> </u>	
1	4,608,700	08/1986	Kirtley, Jr. et al.		<u> </u>	
11	4,630,126	12/1986	Kaku et al.	-		
1	4,646,232	02/1987	Chang et al.	-	† –	
1	4,667,192	05/1987	Schmid et al.			
\dagger	4,675,865	06/1987	DeVries et al.		 	
\Box	4,709,343	11/1987	Van Chang	 	+	
1-1	4,744,079	05/1988	Csapo et al.		1	
\vdash	4,768,145	08/1988	Wheelwright et al.	 	 	
	4,802,189	01/1989	Wedler	 	\dagger	
	4,811,262	03/1989	White	 	 	
	4,811,421	03/1989	Havel et al.		 	
	4,862,402	08/1989	Shah et al.		 	
-	4,901,307	02/1990	Gilhousen et al.		-	
	/ EVANIAIED		DATEC	ONSIDER	FD.	
h	wol meel		5/9/05	. J. 1010LI1		

IIS	FORM PTO-1449 DEPARTMENT OF COMMER	ATTY. DOCKET NO. I-2-0091.10US	1	SERIAL N 09/742,5	-	
PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE			APPLICANT Ozluturk et al.			
	STATEMENT BY APPLICANT Jse several sheets if necessary)	FILING DATE December 21, 2000	GROUP 2637		
		U.S. PATENT	DOCUMENTS			
Xaminer Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gar	4,914,574	04/1990	Terada et al.			
	5,022,049	06/1991	Abrahamson et al.			
	5,050,004	09/1991	Morton, Jr.			
	5,056,109	10/1991	Gilhousen et al.			
7	5,084,900	01/1992	Taylor			
	5,093,840	03/1992	Schilling			
	5,103,459	04/1992	Gilhousen et al.			
	5,105,423	04/1992	Tanaka et al.			
	5,109,390	04/1992	Gilhousen et al.			
	5,107,225	04/1992	Wheatley et al.			
	5,113,525	05/1992	Andoh			
	5,115,429	05/1992	Huckyj et al.			
	5,117,385	05/1992	Gee			
	5,140,613	08/1992	Birgenheier et al.			
	5,159,283	10/1992	Jensen			···
	5,159,551	10/1992	Brunnett et al.			
	5,166,951	11/1992	Schilling			
	5,166,952	11/1992	Omurg et al.			
	5,193,094	03/1993	Viterbi			
	5,199,061	03/1993	Kim			-
	5,204,876	04/1993	Bruckert et al.			
	5,216,692	06/1993	Ling			
	5,224,120	06/1993	Schilling			
	5,228,054	07/1000	Rueth et al.	<u> </u>		
	5,228,056	07/1993	Schilling			
1	5,235,614	08/1993	Bruckert et al.			
	/ EVAMINED		DATE (ONSIDER	-	

Jarol Meet DATE CONSIDERED 5/9/05

	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE		ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5	-
	PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE		APPLICANT Ozluturk et al.			
	STATEMENT BY APPLICANT		FILING DATE December 21, 2000		GROUI 2637	
	(Use several sheets if necessary)	U.S. PATEN	DOCUMENTS	1		
EXAMINER INITIAL	OOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
am	5,237,586	08/1993	Bottomley			
1	5,241,690	08/1993	Larsson et al.	1		
	5,245,629	09/1993	Hall			
	5,253,268	10/1993	Omura et al.		†	
	5,253,347	10/1993	Bagnoli et al.			
	5,257,283	10/1993	Gilhousen et al.			
	5,258,940	11/1993	Coker et al.			
	5,260,967	11/1993	Schilling			
	5,262,974	11/1993	Hausman et al.			
	5,265,119	11/1993	Gilhousen et al.			
	5,267,262	11/1993	Wheatley, III			
	5,274,474	12/1993	Medina			
	5,276,684	01/1994	Pearson			
	5,276,907	04/1994	Meidan			
	5,283,536	02/1994	Wheatley, III			
	5,287,299	02/1994	Lin			
	5,287,463	02/1994	Frame et al.			
	5,295,152	03,4304	Gudmundson et al.			
	5,297,162	03/1994	Lee et al.			
	5,299,226	03/1994	Schilling			
	5,299,228	03/1994	Hall			
	5,305,349	04/1994	Dent			
	5,309,474	05/1994	Gilhousen et al.			
	5,311,459	05/1994	D'Luna et al.			
	5,321,721	06/1994	Yamaura et al.			
7	5,327,455	07/1994	DeGaudenzi et al.			

June Meet 5/9/05 DATE CONSIDERED

	FORM PTO-1449 U.S. DEPARTMENT OF COMMERC		ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5	
PATENT AND TRADEMARK OFFICE		APPLICANT Ozluturk et al.				
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	. !	FILING DATE December 21, 2000		GROUI 2637	Þ
		U.S. PATENT	DOCUMENTS			
XAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IS
ann	5,327,467	07/1994	DeGaudenzi et al.	<u> </u>		
,	5,329,547	07/1994	Ling et al.			
11	5,339,174	08/1994	Harris	 		
	5,341,396	08/1994	Higgins et al	1		
	5,341,397	08/1994	Gudmundson	1		
	5,343,335	08/1994	Hara	1		
11	5,345,598	09/1994	Dent	·		
11	5,347,536	09/1994	Meehan	·		
11	5,349,606	09/1994	Lovell et al.	<u> </u>		
11	5,351,134	09/1994	Yaguchi et al.	·		
	5,353,302	10/1994	Bi	-		
	5,353,352	10/1994	Dent et al.			
	5,355,453	10/1994	Row et al.	<u> </u>		
11	5,361,276	11/19994	Subrmanian	 		
	5,363,377	11/1994	Sharpe	 		
	5,365,544	11/1994	Schilling			
11	5,365,585	11/1994	Puhl et al.			
11	5,367,533	11/1994	Schilling	 		
++	5,373,502	12/1994	Turban	 		
++-	5,377,183	12/1994	Dent	-		
 -	5,379,242	01/1995	Rose et al.	1		
++-	5,392,287	02/1995	Tiedemann, Jr. et al.	 		
 	5,396,516	03/1995	Padovani et al.	 		
1-1-	5,396,539	03/1995	Sleyks et al.	 		
	5,398,243	03/1995	Aguilhon et al.	1		
	5,404,376	04/1995	Dent			_

FORM PTO-1449		ATTY. DOCKET NO. SERIAL NO. 1-2-0091.10US 09/742,579				
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Ozluturk et al.				
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE December 21, 2000		GROUI 2637	p
~-~-	(Use several sheets if necessary				2007	
—		U.S. PATENT	DOCUMENTS			r
examiner Initial	DOCUMENT NUMBER	DATE .	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gm	5,406,559	04/1995	Edem et al.	!		
	5,410,568	04/1995	Schilling			-
	5,414,728	05/1995	Zehavi			
	5,414,729	05/1995	Fenton			
	5,414,732	05/1995	Kauffman			
	5,416,797	05/1995	Gilhousen et al.			
	5,418,624	05/1995	Ahmed		1	-
	5,420,850	05/1995	Umeda et al.		<u> </u>	
11	5,420,864	05/1995	Dahlin et al.			
11	5,420,896	06/1995	Schilling			
11	5,430,724	07/1995	Fall et al.			
1	5,430,760	07/1995	Dent			
1 1	5,440,597	08/1995	Chung et al.			
	5,442,662	08/1995	Fukasawa et al.	1		
	5,442,625	08/1995	Gitlin et al.			
	5,446,683	08/1995	Mullen et al.			
	5,446,756	08/1995	Mallinckrodt			
	5,448,600	09/1995	Lucas			
	5,459,759	10/1995	Schilling			
	5,483,549	01/1800	Weinberg et al.			
	5,485,486	01/1996	Gilhousen et al.		 	
	5,487,089	01/1996	Misaizu et al.		<u> </u>	
	5,488,629	01/1996	Takahashi et al.	1		
	5,506,864	04/1996	Schilling	+		
	5,509,126	04/1996	Oprescu et al.		1	
	5,519,736	05/1996	Ishida			

Jarol Meet DATE CONSIDERED 5/9/05

· · · · · ·	FORM PTO-1449		ATTY, DOCKET NO.	1	SERIAL	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		I-2-0091.10US		09/742,5	79	
		APPLICANT Ozluturk et al.				
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT.	,	FILING DATE December 21, 2000		GROU! 2637	Þ
((Jse several sheets if necessary)				2001	
-		U.S. PATENT	DOCUMENTS		-	
EXAMINER INITIAL	DOCUMENT NUMBER	UNIE 1	NAME	CLASS	SUBCLASS	FILING DATE IF
JA14	5,528,593	06/1996	English et al.			
	5,528,624	06/1996	Kaku et al.	<u> </u>	 	
	5,544,156	08/1996	Teder et al.			
	5,548,613	08/1996	Kaku et al.			
	5,550,811	08/1996	Kaku et ål.	1		
	5,559,790	09/1996	Yano et al.			·····
	5,561,669	10/1996	Lenny et al.		<u> </u>	
	5,563,912	10/1996	Yasunga			
	5,568,483	10/1996	Padovani et al.	 	<u> </u>	
	5,574,754	11/1996	Kurihara et al.		 	
	5,574,983	11/1996	Duozono et al.	1		
	5,594,718	01/1997	Weaver, Jr. et al.			
	5,596,570	01/1997	Soliman			
	5,604,730	02/1997	Tiedemann, Jr.	<u> </u>	1	
	5,619,524	04,1957	Ling et al.		<u> </u>	
	5,619,526	04/1997	Kim et al.	†		
	5,627,835	05/1997	Witter	1		******
1	5,627,855	05/1997	Davidovici			
	5,638,362	06/1997	Dohi et al.	1		
	5,644,590	07/1997	Sugita			
 	5,652,765	07/1997	Adachi et al.			
1	5,654,980	08/1997	Latva-aho et al.			
	5,657,343	08/1997	Schilling			
	5,673,286	09/1997	Lomp		1	
	5,675,581	10/1997	Soliman	1		-
	5,691,974	11/1997	Zehavi et al.	1	 	
	5,692,008	11/1997	Van Nee			
Jarol	MO EXAMINER	,	5/9/05 DATE C	ONSIDER	D	•

	FORM PTO-1449	ATTY. DOCKET NO. I-2-0091.10US		SERIAL N 09/742,5		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT Ozluturk et al.			
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE December 21, 2000	GROUP 2637		
	(Use several sheets if necessary)			<u> </u>	_	
		U.S. PATENT	DOCUMENTS	7	1	
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Dan	5,710,768	03/1999	Ziv et al.			
<u>/</u>	5,712,869	01/1998	Lee et al.			
	5,722,051	02/1998	Agrawal et al.			
	5,745,484	04/1998	Scott			
7	5,748,687	05/1998	Ozluturk			
	5,771,451	06/1998	Takai et al.			
	5,781,584	07/1998	Zhou et al.			
	5,790,591	09/1998	Gold et al.			
	5,796,776	08/1998	Lomp et al.			
	5,812,593	09/1998	Kaku			
	5,828,662	10/1998	Jalali et al.		†	
	5,841,768	11/1998	Ozluturk et al.			
	5,870,378	02/1999	Huang et al.		<u> </u>	
	5,872,810	02/1999	Phillips et al.			
	5,875,400	02/1999	Madhavapeddy et al.			
	5,878,329	03/1999	Mallinckrodt			
	5,878,350	03/1999	Nakamura et al.			
	5,881,056	03/1999	Huang et al.			
	5,881,368	03/1999	Grob et al.		<u> </u>	
	5,884,187	03/1999	Ziv et al.		<u> </u>	
	5,884,196	03/1999	Lekven et al.			<u> </u>
-	5,898,665	04/1999	Sawahashi et al.	1	 	
	5,940,382	08/1309	Haim		1	
	5,953,346	09/1999	Luddy			
	5,966,403	10/1999	Pon		<u> </u>	
1	5,991,332	11/1999	Lomp et al.	1	 	
1-1-	6,018,528	01/2000	Gitlin et al.		 	
+ la	examiner		5/9/05 DATE C	ONSIDERI	ED	

	FORM PTO-1449					heet 8 of 11
	U.S. DEPARTMENT OF COMMER	ATTY. DOCKET NO. SERIAL NO. 1-2-0091.10US 09/742,579				
	PATENT AND TRADEMARK OFFI	APPLICANT Ozluturk et al.				
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary	FILING DATE December 21, 2000	lunce a.	GROUI 2637		
		U.S. PATENT	DOCUMENTS	·····		
EXAMINER ENTIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
SAN	6,072,787	06/2000	Hamalainen et al.			
/ 	6,088,335	07/2000	l et al.	 		
1	6,049,535	04/2000	Ozluturk et al.			
	6,104,748	08/2000	Kaku			
	6,122,292	09/2000	Watanabe et al.			
	6,141,374	10/2000	Burns			
	6,212,174	04/2001	Lomp et al.			
	6,229,843	05/2001	Lomp et al.			
	6,272,168	08/2001	Lomp et al.			•
	6,292,519	09/2001	Popovic			
	6,381,264	04/2002	Lomp et al.			
	6,434,124	08/2002	Rege			
	6,463,295	10/2002	Yun			····
	6,519,461	02/2003	Andersson et al.			
	6,549,565	04/2003	Buehrer et al.			
	6,587,447	07/2003	Wang et al.			
	6,654,613	11/2003	Maeng et al.			
	6,708,041	03/2004	Butovitsch et al.	<u> </u>		
	6,721,301	04/2004	Ozluturk et al.			
	6,760,321	.07/2004	Shamsunder			
1	6,763,244	07/2004	Chen et al.	1		
11	6,778,551	08/2004	Magnus et al.			
1	2003/0193914	10/2003	Lomp et al.	1		

EXAMINER	5/9/05 DATE CONSIDERED
----------	------------------------

FORM PTO-1449 SERIAL NO. ATTY. DOCKET NO. 09/742,579 1-2-0091.10US U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE **APPLICANT** Ozluturk et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT **FILING DATE GROUP** 2637 December 21, 2000 (Use several sheets if necessary) FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO EP an 0022170 01/1981 EP 0372350 06/1990 EP 0462572 12/1991 ΕP 0464839 01/1992 0476215 03/1992 EP 0505341 09/1992 EP EP 0525860 02/1993 02/1993 EP 0526106 EP 10/1993 0565507 0631397 12/1994 EP 0637179 02/1995 0654913 05/1995 EP 0656716 06/1995 EP 08/1995 0668662 EP 0744876 11/1996 EP 3743731 07/1989 DE DE 3743732 07/1989 2280575 02/1995 GB 2301746 12/1996 GB JP 62256516 11/1987 S63198423 08/1998 JP JP 02256331 10/1990 H2287874 11/1990 JP H4222111 08/1992 JP H4287593 JP 10/1992

A L MA EXAMINER	DATE CONSIDERED
MON MONTH	5/9/65

	FORM PTO-1449		ATTY. DOCKET NO.		SERIAL I			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		I-2-0091.10US 09/742,579 APPLICANT Ozluturk et al.						
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		FILING DATE December 21, 2000		GROUP 2637			
	F(DREIGN PATE	NT DOCUMENTS					
						TRANS	SLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
MM	H5144128	06/1993	JР					
	H583381	04/ກ່ອື່ຕົ້ວ	JP	-				
	H66374	01/1994	JP ⁻					
	H6104694	04/1994	JP					
	H758665	03/1995	JP					
11	H7273600	10/1995	JP					
	H6104829	01/1996	JP					
	9013942	1990	WO					
	9200639	01/1992	WO					
	9221196	11/1992	wo					
	9307702	04/1993	WO					
	9314588	07/1993	WO	†				
	9428640	12/1994	WO	1			-	
11	9503652	02/1995	WO		 			
	9507578	03/1995	WO	1				
	9512257	05/1995	WO					
11	9702665	01/1997	WO	1				
1	9707600	02/1997	WO					
	OTHER DOCUMENTS	S (Including Au	thor, Title, Date, Pertinent Pag	jes, Etc.)				
yu	Patent Abstracts of Japan, v		03 (E-1019), January 7, 1991 (per 17, 1990, see abstract.	§ JP 02 256	5331 A (Sh	arp Co	orp.),	
m			y in Cellular Land-Mobile Com tation Information Service, (19			d Spec	trum	

Janob Examiner 5/0	DATE CONSIDERED
--------------------	-----------------

			·			
FORM PTO-1449			•	ATTY. DOCKET NO. 1-2-0091.10US	SERIAL NO. 09/742,579	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT		
INFORMATION DISCLOSURE				Ozluturk et al.		
STATEMENT BY APPLICANT				FILING DATE	GROUP	
(Use several sheets if necessary)				December 21, 2000	2637	
			OTHER DOCUMENTS (Including Au	nthor, Title, Date, Pertinent Pages	s, Etc.)	
·	71.44		Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio			
וישן			System," UMI Disseratation Information Services, (1984), 124 pgs.			
١			Hagmanns et al., "Code Division Multiple Ac August, No	cess (CDMA)," 8273 ANT Nachri . 10, Backnang, DE, pgs. 64-71.	chtentechnische Berichte (1993)	
		_	CDMA and ATM-zwei Technologies, ein Zeil, 2323 Telcom Report (Siemens) 18 (1995) Maerz/April, No. 2, Munchen, DE pgs. 60-63.			
			Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems, IEEE Journal on Selected Areas in Communications, US IEEE Inc, New York, vol. 12, no. 14, May 1, 1994, pgs. 638-644.			
			Pahlavan et al., "Performance of Adaptive N vol. 38, no. 12	Natched Filter Receivers Over Fa 2, pgs. 2106-2113, December 199		
			Giannetti et al., "Design of an All-Digital Receiver for Narrowhead Continuous-Phase Asynchronous CDMA Systems " IEEE, vol. 3, May 1993, pgs. 468-472.			
			Braun et al., "An All-Digital Receiver for Satellite Audio Broadcasting Signals Using Trellis Coded Quasi- Orthogonal Code-Division Multiplexing," AEI, vol. 4, no. 1, 1993, pgs. 23-32.			
			Rick et al., "Noncoherent Parallel Acquisition in CDMA Spread Spectrum Systems," IEEE, Paragraph 1, May 1994.			
			Bernasoni, "Receiver Architectures for the Down-Link in a DS-CDMA Mobile System," IEEE, September 1994, pgs. 51-55.			
	1					
			•			
		_				
					,	
					-	

∧ / EXAMINER	DATE CONSIDERED
Jacolanet	5(4(05